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(54) Title: NEW USES OF Lp-PLA2 IN COMBINATION TO ASSESS CORONARY RISK

(57) Abstract: This invention relates to a method for assessing risk of Coronary Vascular Disease (CVD). Specifically, it relates to utilizing risk assessment from both Lipoprotein Associated Phospholipase A2 (Lp-PLA2) and C-reactive protein (CRP) in combination. In addition the invention relates to a method for assessing risk of Coronary Vascular Disease (CVD) in a patient with low to normal Low Density Lipoprotein Cholesterol (LDL) levels utilizing both LDL and Lipoprotein Associated Phospholipase A2 (Lp-PLA2). Moreover, the invention relates to the use of risk associated with Lp-PLA2, CRP and LDL in combination and specific ranges thereof to predict Coronary Vascular Disease.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/10039

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12Q 1/60, 1/00, 1/56, 1/44; G01N 33/53
US CL 435/11, 4, 13, 19, 975; 424/569

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 435/11, 4, 13, 19, 975, 424/569

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
WEST/GOOGLE/NPL:coronary vascular disease, Lp-PLA2, C-reactive protein, LDL, ATP III, treatment, kit

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PACKARD et al, New England J. Medicine, Vol. 343, pp 1148-1155, (October 19, 2000) see entire document.	1-2, 4-7
Y	"THE LANCET", Vol. 360(9326), pp 7-22, July 6, 2002, see entire document.	3, 8-9, 11-21, 23-35
Y		1-35

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